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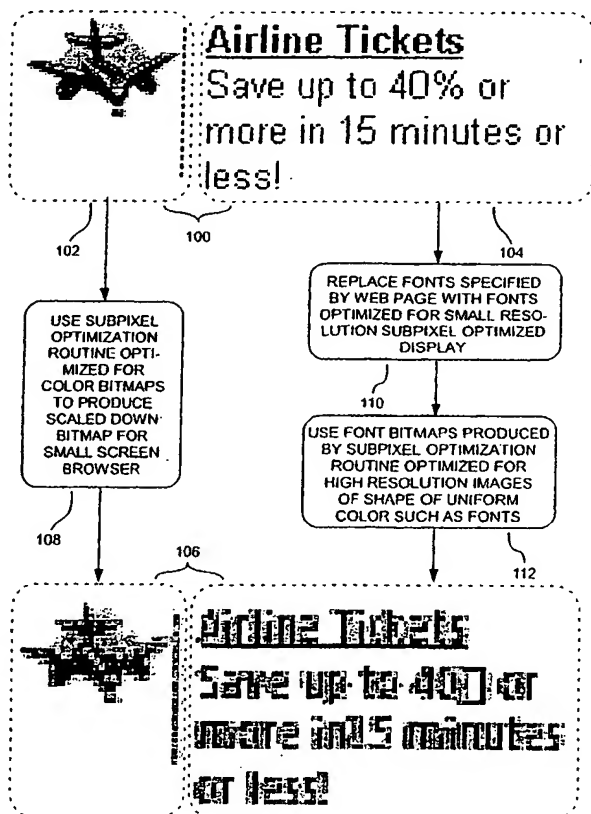
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(72) Inventors; and
(75) Inventors/Applicants (for US only): **KAASILA, Sampo, J.** [SE/US]; 6 Squirrel Run Road, Plaistow, NH 03865 (US). **COLLINS, John, S.** [GB/US]; Apartment 9E, 9 Hawthorne Place, Boston, MA 02114 (US). **PORTER, Edward, W.** [US/US]; One Longfellow Place, Apt. 3018, Boston, MA 02114 (US).
(74) Agent: **PORTER, Edward, W.**; Porter & Associates, One Broadway, Suite 600, Cambridge, MA 02142 (US).
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(54) Title: METHODS, SYSTEMS, AND PROGRAMMING FOR PRODUCING AND DISPLAYING SUBPIXEL-OPTIMIZED IMAGES AND DIGITAL CONTENT INCLUDING SUCH IMAGES



(57) Abstract: A method of accessing digital content from a device in which said content is stored. Performing a down scaling and subpixel optimization process. Basic processes and data representations that may be used according to present invention. Digital content (100), including one or more bitmap images (102) and text (104) is displayed in a subpixel optimized downscaled format (106).

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/14217

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G09G 5/00

US CL : 345/660

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 345/660,670,666

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
down scaling**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,236,433 B1 (ACHARYA et al) 22 May 2001, see whole document	1-30

☐ Further documents are listed in the continuation of Box C.

See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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12 August 2002 (12.08.2002)	12 AUG 2002
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231	Authorized officer
Facsimile No. (703)305-3230	Michael Razavi
	Telephone No. 703-805-9600